

**SEARCH REQUEST FORM****Scientific and Technical Information Center**

Requester's Full Name: Jon Henry Examiner #: 73506 Date: 2/2/01  
 Art Unit: 2877 Phone Number 305-6106 Serial Number RE091659375  
 Mail Box and Bldg/Rm Location: CP4-5015 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Catadioptric Projection Systems

Inventors (please provide full names): Tomowaki Takahashi

Earliest Priority Filing Date: 5/20/96

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

I need to know if this reissue application or parent patent U.S. Patent 5,805,334 is involved in litigation.

If not, please let me know.

If it is involved in litigation, please let me know if: (a) a stay is in effect  
 or (b) litigation has been terminated  
 or (c) what the issues are.

<b>STAFF USE ONLY</b>		<b>Type of Search</b>	<b>Vendors and cost where applicable</b>
Searcher:	<u>EH</u>	NA Sequence (#)	STN _____
Searcher Phone #:	_____	AA Sequence (#)	Dialog <u>\$15</u>
Searcher Location:	<u>STIC</u>	Structure (#)	Questel/Orbit <u>\$15</u>
Date Searcher Picked Up:	_____	Bibliographic	Dr.Link _____
Date Completed:	<u>2-2-01</u>	Litigation	Lexis/Nexis <u>b40</u>
Searcher Prep & Review Time:	<u>2</u>	Fulltext	Sequence Systems _____
Clerical Prep Time:	_____	Patent Family	WWW/Internet _____
Online Time:	<u>8</u>	Other	Out _____

*Lexis search*

PATNO IS 5805334

DATE: FEBRUARY 2, 2001  
LIBRARY: PATENT  
FILE: ALL

Your search request is:  
PATNO IS 5805334

Number of PATENTS found with your search request through:  
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.  
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.  
To MODIFY your search request, press the M key (for MODFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 5,805,334, Sep. 8, 1998, Catadioptric projection systems, Takahashi, Tomowaki, Yokohama, Japan, Nikon Corporation, Tokyo, Japan (03)

CORE TERMS: lens, mirror, optical, projection, imaging, turning, reticle, double-pass, concave, catadioptric...

5,805,334

<=2> GET 1st DRAWING SHEET OF 5

Sep. 8, 1998

Catadioptric projection systems

REISSUE: Reissue Application filed Sep. 8, 2000 (O.G. Oct. 24, 2000) Ex. Gp.: 2872; Re. S.N. 09/659,375

CERTCORR: Oct. 5, 1999 a Certificate of Correction was issued for this patent

CORE TERMS: lens, mirror, optical, projection, imaging, turning, reticle, double-pass, concave, catadioptric...

5,805,334 OR 5805334

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

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Search statement 1

?/pn us5805334

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Search statement 2

?prt pset 1

1/1 LGST - (C) LEGSTAT

Patent Number -US 5805334 [US5805334]  
Application Number -US 858560/97 19970519 [1997US-0858560]  
Document Type -US-P  
Action Taken -19970519 US/AE-A  
APPLICATION DATA (PATENT)  
{US 858560/97 19970519 [1997US-0858560]}  
-19970519 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
NIKON CORPORATION FUJI BUILDING 2-3, MARUNOUCHI 3-CHOME  
CHIYODA-KU TOKYO 100, JA \* TAKAHASHI, TOMOWAKI : 19970516  
-19980908 US/A  
PATENT  
-19991005 US/CC  
CERTIFICATE OF CORRECTION  
-20001024 US/RF  
REISSUE APPLICATION FILED  
20000908

Update Code -2000-43

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For technical content information: see INFO LITA

Producer info : due to reload of the data, next update will be available end of january.

Search statement 1

?nbr /pn us5805334

1	1	US5804219
2	3	US5804570
3	1	US5805082
4	3	US5805135
5	1	US5805287
6	1	US5806045
7	1	US5806048
8	1	US5806964
9	1	US5807016
10	1	US5807046
11	1	US5807190
12	1	US5807527
13	1	US5808272
14	1	US5808294
15	1	US5808568

no citations for '334 in LITA

Some: numbers / Continue: Y / None: N

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Covers 1973 thru weekly update (2001-04)  
Information on technical content of this file, see INFO PAST  
Producer info : due to reload of the data, next update will be available end of january.

Search statement 1

?nbr /pn us5805334

1	1	US5805300
2	1	US5805302
3	1	US5805304
4	1	US5805332
5	2	US5805334
6	2	US5805344
7	1	US5805346
8	1	US5805347
9	1	US5805353
10	1	US5805357
11	1	US5805363
12	1	US5805368
13	1	US5805373
14	1	US5805387
15	1	US5805390

Some: numbers / Continue: Y / None: N

\*\* SS 1: Results 2

Continue: Y / N

?prt pset 1 1-2

1/2 PAST - (C) PAST

Accession Number -200043-001363  
Patent Number -5805334 A [US5805334]  
Official Gazette Dat-2000-10-24  
Actions -REISSUE APPLICATION FILED

2/2 PAST - (C) PAST

Accession Number -199940-000082  
Patent Number -5805334 A [US5805334]  
Official Gazette Dat-1999-10-05  
Actions -CERTIFICATE OF CORRECTION

Set Items Description  
S1 1 PN=US 5805334

1/9/1  
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
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14088578  
Basic Patent (No,Kind,Date): JP 9311278 A2 19971202 <No. of Patents: 002>

PATENT FAMILY:

JAPAN (JP)

Patent (No,Kind,Date): JP 9311278 A2 19971202  
REFLECTION TYPE DIOPTRIC SYSTEM (English)  
Patent Assignee: NIPPON KOGAKU KK  
Author (Inventor): TAKAHASHI YUUTOU  
Priority (No,Kind,Date): JP 96149903 A 19960520  
Applc (No,Kind,Date): JP 96149903 A 19960520  
IPC: \* G02B-017/08; G02B-013/24; G02B-027/18; G03F-007/20;  
H01L-021/027  
Derwent WPI Acc No: \* G 98-073121; G 98-073121  
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5805334 A 19980908  
CATADIOPTRIC PROJECTION SYSTEMS (English)  
Patent Assignee: NIPPON KOGAKU KK (JP)  
Author (Inventor): TAKAHASHI TOMOWAKI (JP)  
Priority (No,Kind,Date): JP 96149903 A 19960520  
Applc (No,Kind,Date): US 858560 A 19970519  
National Class: \* 359364000; 359727000; 359732000; 359784000  
IPC: \* G02B-017/08; G03B-027/42  
Derwent WPI Acc No: \* G 98-073121  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
US 5805334 P 19960520 US AA PRIORITY (PATENT)  
JP 96149903 A 19960520  
US 5805334 P 19970519 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 858560 A 19970519  
US 5805334 P 19970519 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
NIKON CORPORATION FUJI BUILDING 2-3,  
MARUNOUCHI 3-CHOME CHIYODA-KU TOKYO 100, JA ;  
TAKAHASHI, TOMOWAKI : 19970516  
US 5805334 P 19980908 US A PATENT  
US 5805334 P 19991005 US CC CERTIFICATE OF CORRECTION  
US 5805334 P 20001024 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
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